Input paper: [[1]](#footnote-1) ENG14-3.2.17

Input paper for the following Committee(s): check as appropriate Purpose of paper:

**□** ARM X ENG **□** PAP **X** Input

**□** ENAV **□** VTS **□** Information

Agenda item [[2]](#footnote-2) 3.2

Technical Domain / Task Number 2 …………………………………

Author(s) / Submitter(s) IALA World-Wide Academy

IALA Level 2 AtoN technician training – model courses for review

# Summary

The World-Wide Academy has reviewed seven level 2 AtoN technician model courses and offers these to the ENG Committee for further technical review and further development, as appropriate.

## Related documents

The following model courses are submitted for review:

* C2001-8 (L2.1.11) Maintenance of Steel Buoys
* C2001-9 (L2.1.12) Introduction to Power Sources on Buoys
* C2007-1 (L2.7.1- 2.7.2) Radar Beacons (RACON) Maintenance

# Discussion

As part of a routine review of the level 2 series of AtoN technician model courses, the IALA World-Wide Academy has reviewed seven model courses and proposed minor updates.

Some updates are administrative in nature and include editorial corrections and updates to standard sections of the documents, such as the foreword. Other updates include the addition of background information on the competency levels used within the courses to provide greater information to the users of the model courses and to reduce the need to refer to other documentation.

Additionally, some changes have been proposed to the technical content of the courses, within the technical knowledge of the reviewer.

The ENG Committee is requested to review the:

* technical content and make any necessary amendments (additions, removals, changes);
* competency level for each lesson; and
* hours allocated for each element of training.

The required standard of competence is considered to be the level of proficiency that should be achieved for the proper performance of the duties carried out by the technician in their organization. Example levels of competence are listed in Table 1 below.

The level of competence required from an AtoN technician is shown for each element and sub-element of each Module as required. These are graded from level 1 (basic understanding) to level 3 (good understanding).

1. Levels of Competence

| Competence Level | Learning Outcome | Instructional Objectives | Required skills |
| --- | --- | --- | --- |
| 1 | The conduct of routine tasks with some supervision | A **basic** understanding of facts and principles | First stage in acquiring competency of a complex skill. Appropriate responses are identified through trial and error |
| 2 | The conduct of routine tasks unsupervised and some more complex tasks under guidance | A **satisfactory** understanding of theoretical concepts and principles so that they can be applied in practice | Correctly acquired responses have become habitual. Actions can be performed confidently and efficiently |
| 3 | The skilful conduct of many complex and non-routine tasks | A **good** understanding of the subject matter and its interaction with others leading to an analytical distinction between facts and inferences | Complex actions are inherently co-ordinated and performed smoothly, accurately and skilfully |

IALA has also implemented a new document numbering system. This is to align the model courses with the new document structure through a new numbering system commending with the identifier ‘C’. The level 2 series of courses are structured as follows:

C20aa-bb whereby ‘C2’ indicates that the document is a level 2 model course, ‘aa’ indicates the module and ‘bb’ indicates the group of learning elements which are specified in the master C2000 document (former model course L2.0).

# Action requested of the Committee

The Committee is requested to:

Review the model courses listed above and propose amendments, as appropriate.

1. Input document number, to be assigned by the Committee Secretary [↑](#footnote-ref-1)
2. Leave open if uncertain [↑](#footnote-ref-2)